

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** AEPP47316

**Name:** WAUPACA CHAIN O'LAKES PUBLIC INLAND LAKE P&R: Waupaca Chain of Lakes Management Planning

**Type:** Aquatic Invasives Grant

**Subtype:** Aquatic Invasives Education

**Status:** COMPLETE

**Start Date:** 2/15/2016

**End Date:** 12/31/2021

**Purpose:** The Waupaca Chain of Lakes P & R District is sponsoring a project to develop a Comprehensive Lake Management Plan for the 22 Lakes comprising this system.

Project final deliverables include: all data collected, agendas and minutes for planning meetings, and a lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan.

Specific project activities include: 1) In-Lake water quality monitoring; 2) Fisheries assessment; 3) Aquatic plant surveys; 4) Conduct sociologic survey; 5) Shoreline inventory/mapping; 6) Watershed & land use delineation; 7) Management planning meetings.

Special Conditions: 1) CLMN efforts should not be duplicated, and these data shall be included in the trends analysis and final reporting; 2) All data shall be entered into the SWIMS database; 3) Draft sociological/user surveys and shoreline assessments must be reviewed and approved by the Department before being initiated; 4) Participation in CBCW-200 hours/yr.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the Department in a format specified by the regional Lake Biologist.

Consultant final report: it is recommended that Grantee provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive both paper and electronic .pdf copies of the final report along with, or prior to submission of grantee's final payment request.

**Objective:**

**Comments:** Grantee is WAUPACA CHAIN O'LAKES PUBLIC INLAND LAKE P&R

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Ellis, Bob	APPLICANT	ACTIVE	6/2/2016			
Hoyman, Tim	LEAD_EQUIPMENT	ACTIVE	6/2/2016		Onterra, LLC	
State Lab of Hygiene,	LABORATORY	ACTIVE	6/2/2016		State Lab of Hygiene	
Waupaca Chain O'Lakes Protection	GRANT_RECIPIENT	ACTIVE	6/1/2016		Waupaca Chain O'Lakes Protection and Rehab Dist	

### Project Statuses

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Date	Reported By	Status	Comments		
<b>Actions</b>					
Action	Detailed Description		Start Date	End Date	Status
Grant Awarded	Limekiln		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Pope		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	George		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Taylor		2/15/2016	6/30/2018	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Otter		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Round		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Beasley		2/15/2016	6/30/2018	COMPLETE
Grant Awarded	Marl		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Orlando		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Bass		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Manomin		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Columbia		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	McCrossen		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Dake		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Long		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Rainbow		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Miner		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Ottman		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Sunset		2/15/2016	6/30/2018	PROPOSED
Grant Awarded	Nessling		2/15/2016	6/30/2018	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
693104	Bass Lake - Waupaca Co - Deep Hole	
693106	Beasley Lake - Waupaca Co - Deep Hole	
693044	Columbia Lake - Deepest Point	
693093	Dake Lake - Deep Hole- Waupaca Co	
693089	George Lake - Deep Hole - Waupaca Co	
693095	Knight Lake - Deep Hole	
693092	Limekiln Lake - Deep Hole	
693197	Long Lake (Chain O'Lakes) - Deep Hole	

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693099	Manomin Lake - Deep Hole	
693098	Marl Lake - Deep Hole	
693091	Mccrossen Lake - Deep Hole - Waupaca Co	
693094	Miner Lake - Deep Hole - Waupaca Co	
693090	Nessling Lake - Deep Hole - Waupaca Co	
693096	Orlando Lake - Deep Hole	
693087	Otter Lake - Deep Hole - Waupaca Co	
693105	Ottman Lake - Deep Hole - Waupaca County	
693097	Pope Lake - Deep Hole	
693124	Rainbow Lake - Deep Hole	
693043	Round Lake - Deepest Point	
693086	Sunset Lake - Deep Hole	
693088	Taylor Lake - Deep Hole	
693101	Youngs Lake Waupaca Co - Deep Hole	

### Assessment Units

WBIC	Segment	Local Name	Official Name
261200	1	Long Lake	Long Lake
262300	1	Beasley Lake	Beasley Lake
262400	1	Cary Millpond	Columbia Lake
262600	1	Orlando Lake	Lake Orlando
262700	1	Knight Lake	Knight Lake
262800	1	Manomin Lake	Manomin Lake
262900	1	Pope Lake	Pope Lake
264100	1	Marl Lake	Marl Lake
264300	1	Youngs Lake	Youngs Lake
264500	1	Ottman Lake	Ottman Lake
264700	1	Dake Lake (Chain)	Dake Lake
264800	1	Miner Lake	Miner Lake
264900	1	Limekiln Lake	Limekiln Lake
265000	1	Rainbow Lake	Round Lake
265100	1	Mccrossen Lake	McCrosen Lake
265200	1	Nessling Lake	Nessling Lake
265300	1	Rainbow Lake (Chain)	Rainbow Lake
265400	1	George Lake	George Lake
265500	1	Sunset Lake	Sunset Lake

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265600	1	Taylor Lake	Taylor Lake
265700	1	Otter Lake	Otter Lake
5551281	2	Bass Lake	Bass Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
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### Methods

Method Code	Method Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
4/20/2016 10:15	COMPLETE	LONLB	693197	Long Lake (Chain O'Lakes) - Deep Hole
4/20/2016 10:15	COMPLETE	LONLS	693197	Long Lake (Chain O'Lakes) - Deep Hole
4/20/2016 11:30	COMPLETE	MINLB	693094	Miner Lake - Deep Hole - Waupaca Co
4/20/2016 11:30	COMPLETE	MINLS	693094	Miner Lake - Deep Hole - Waupaca Co
4/20/2016 12:32	COMPLETE	RLWAB	693124	Rainbow Lake - Deep Hole
4/20/2016 12:32	COMPLETE	RLWAS	693124	Rainbow Lake - Deep Hole
4/20/2016 14:00	COMPLETE	PLB	693097	Pope Lake - Deep Hole
4/20/2016 14:00	COMPLETE	PLS	693097	Pope Lake - Deep Hole
6/29/2016 10:30	COMPLETE	PLB	693097	Pope Lake - Deep Hole
6/29/2016 10:30	COMPLETE	PLS	693097	Pope Lake - Deep Hole
6/29/2016 12:20	COMPLETE	MINLB	693094	Miner Lake - Deep Hole - Waupaca Co
6/29/2016 12:20	COMPLETE	MINLS	693094	Miner Lake - Deep Hole - Waupaca Co
6/29/2016 13:10	COMPLETE	LONLB	693197	Long Lake (Chain O'Lakes) - Deep Hole
6/29/2016 13:10	COMPLETE	LONLS	693197	Long Lake (Chain O'Lakes) - Deep Hole
6/29/2016 14:00	COMPLETE	RLWAB	693124	Rainbow Lake - Deep Hole
6/29/2016 14:00	COMPLETE	RLWAS	693124	Rainbow Lake - Deep Hole
7/13/2016	COMPLETE		693105	Ottman Lake - Deep Hole - Waupaca County
7/13/2016 13:45	COMPLETE	OTMLB	693105	Ottman Lake - Deep Hole - Waupaca County
7/13/2016 13:45	COMPLETE	OTMLS	693105	Ottman Lake - Deep Hole - Waupaca County
7/26/2016 8:33	COMPLETE	CLB	693044	Columbia Lake - Deepest Point
7/26/2016 8:33	COMPLETE	CLS	693044	Columbia Lake - Deepest Point
7/26/2016 8:42	COMPLETE	MARLB	693098	Marl Lake - Deep Hole
7/26/2016 8:42	COMPLETE	MARLS	693098	Marl Lake - Deep Hole

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7/26/2016 9:00	COMPLETE	LONLB	693197	Long Lake (Chain O'Lakes) - Deep Hole
7/26/2016 9:00	COMPLETE	LONLS	693197	Long Lake (Chain O'Lakes) - Deep Hole
7/26/2016 9:13	COMPLETE	PLB	693097	Pope Lake - Deep Hole
7/26/2016 9:13	COMPLETE	PLS	693097	Pope Lake - Deep Hole
7/26/2016 9:32	COMPLETE	BEALB	693106	Beasley Lake - Waupaca Co - Deep Hole
7/26/2016 9:32	COMPLETE	BEALS	693106	Beasley Lake - Waupaca Co - Deep Hole
7/26/2016 9:40	COMPLETE	MALB	693099	Manomin Lake - Deep Hole
7/26/2016 9:40	COMPLETE	MALS	693099	Manomin Lake - Deep Hole
7/26/2016 10:04	COMPLETE	KNLB	693095	Knight Lake - Deep Hole
7/26/2016 10:04	COMPLETE	KNLS	693095	Knight Lake - Deep Hole
7/26/2016 10:04	COMPLETE	ORLB	693096	Orlando Lake - Deep Hole
7/26/2016 10:06	COMPLETE	YLB	693101	Youngs Lake Waupaca Co - Deep Hole
7/26/2016 10:06	COMPLETE	YLS	693101	Youngs Lake Waupaca Co - Deep Hole
7/26/2016 10:22	COMPLETE	ORLS	693096	Orlando Lake - Deep Hole
7/26/2016 10:24	COMPLETE	BALS	693104	Bass Lake - Waupaca Co - Deep Hole
7/26/2016 10:51	COMPLETE	DALB	693093	Dake Lake - Deep Hole- Waupaca Co
7/26/2016 10:51	COMPLETE	DALS	693093	Dake Lake - Deep Hole- Waupaca Co
7/26/2016 11:08	COMPLETE	MINLB	693094	Miner Lake - Deep Hole - Waupaca Co
7/26/2016 11:08	COMPLETE	MINLS	693094	Miner Lake - Deep Hole - Waupaca Co
7/26/2016 11:30	COMPLETE	WOLB	693087	Otter Lake - Deep Hole - Waupaca Co
7/26/2016 11:30	COMPLETE	WOLS	693087	Otter Lake - Deep Hole - Waupaca Co
7/26/2016 11:42	COMPLETE	LILB	693092	Limekiln Lake - Deep Hole
7/26/2016 11:42	COMPLETE	LILS	693092	Limekiln Lake - Deep Hole
7/26/2016 12:01	COMPLETE	TLB	693088	Taylor Lake - Deep Hole
7/26/2016 12:01	COMPLETE	TLS	693088	Taylor Lake - Deep Hole
7/26/2016 12:05	COMPLETE	RLB	693043	Round Lake - Deepest Point
7/26/2016 12:05	COMPLETE	RLS	693043	Round Lake - Deepest Point
7/26/2016 12:23	COMPLETE	GLB	693089	George Lake - Deep Hole - Waupaca Co
7/26/2016 12:23	COMPLETE	GLS	693089	George Lake - Deep Hole - Waupaca Co
7/26/2016 12:30	COMPLETE	MCCLB	693091	Mccrossen Lake - Deep Hole - Waupaca Co
7/26/2016 12:30	COMPLETE	MCCLS	693091	Mccrossen Lake - Deep Hole - Waupaca Co
7/26/2016 12:42	COMPLETE	RLWAB	693124	Rainbow Lake - Deep Hole
7/26/2016 12:42	COMPLETE	RLWAS	693124	Rainbow Lake - Deep Hole
7/26/2016 12:54	COMPLETE	NLB	693090	Nessling Lake - Deep Hole - Waupaca Co
7/26/2016 12:54	COMPLETE	NLS	693090	Nessling Lake - Deep Hole - Waupaca Co

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7/26/2016 13:12	COMPLETE	SULB	693086	Sunset Lake - Deep Hole
7/26/2016 13:12	COMPLETE	SULS	693086	Sunset Lake - Deep Hole
8/30/2016 10:45	COMPLETE	PLB	693097	Pope Lake - Deep Hole
8/30/2016 10:45	COMPLETE	PLS	693097	Pope Lake - Deep Hole
8/30/2016 12:00	COMPLETE	RLWAB	693124	Rainbow Lake - Deep Hole
8/30/2016 12:00	COMPLETE	RLWAS	693124	Rainbow Lake - Deep Hole
8/30/2016 13:05	COMPLETE	LONLB	693197	Long Lake (Chain O'Lakes) - Deep Hole
8/30/2016 13:05	COMPLETE	LONLS	693197	Long Lake (Chain O'Lakes) - Deep Hole
8/30/2016 13:45	COMPLETE	MINLB	693094	Miner Lake - Deep Hole - Waupaca Co
8/30/2016 13:45	COMPLETE	MINLS	693094	Miner Lake - Deep Hole - Waupaca Co
10/17/2016 9:40	COMPLETE	PLB	693097	Pope Lake - Deep Hole
10/17/2016 9:40	COMPLETE	PLS	693097	Pope Lake - Deep Hole
10/17/2016 9:40	COMPLETE	RLWAS	693124	Rainbow Lake - Deep Hole
10/17/2016 11:15	COMPLETE	LONLB	693197	Long Lake (Chain O'Lakes) - Deep Hole
10/17/2016 11:15	COMPLETE	LONLS	693197	Long Lake (Chain O'Lakes) - Deep Hole
10/17/2016 11:55	COMPLETE	MINLB	693094	Miner Lake - Deep Hole - Waupaca Co
10/17/2016 11:55	COMPLETE	MINLS	693094	Miner Lake - Deep Hole - Waupaca Co
10/17/2016 12:35	COMPLETE	RLWAB	693124	Rainbow Lake - Deep Hole
2/16/2017 11:00	COMPLETE	PLB	693097	Pope Lake - Deep Hole
2/16/2017 11:00	COMPLETE	PLS	693097	Pope Lake - Deep Hole
2/16/2017 11:30	COMPLETE	LONLB	693197	Long Lake (Chain O'Lakes) - Deep Hole
2/16/2017 11:30	COMPLETE	LONLS	693197	Long Lake (Chain O'Lakes) - Deep Hole
2/16/2017 12:45	COMPLETE	MINLB	693094	Miner Lake - Deep Hole - Waupaca Co
2/16/2017 12:45	COMPLETE	MINLS	693094	Miner Lake - Deep Hole - Waupaca Co
2/16/2017 13:30	COMPLETE	RLWAB	693124	Rainbow Lake - Deep Hole
2/16/2017 13:30	COMPLETE	RLWAS	693124	Rainbow Lake - Deep Hole

### Documents

Title	Description	Author	Published	Comments
Surface Water Grant Project Lab Costs	Lab costs for grant received by Waupaca Chain O' Lakes P & R District - Bass Lake.			
Waupaca Chain O' Lakes Comprehensive Management Plan	Comprehensive lake management plan for the Waupaca Chain O' Lakes	Tim Hoyman	12/1/2021	
Waupaca Chain O' Lakes Comprehensive Management Plan Appendix A		Tim Hoyman	12/1/2021	

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Waupaca Chain O' Lakes Comprehensive Management Plan Appendix B		Tim Hoyman	12/1/2021	
Waupaca Chain O' Lakes Comprehensive Management Plan Appendix C		Tim Hoyman	12/1/2021	
Waupaca Chain O' Lakes Comprehensive Management Plan Appendix D		Tim Hoyman	12/1/2021	
Waupaca Chain O' Lakes Comprehensive Management Plan Appendix E		Tim Hoyman	12/1/2021	
Waupaca Chain O' Lakes Comprehensive Management Plan Appendix F		Tim Hoyman	12/1/2021	
Waupaca Chain O' Lakes Comprehensive Management Plan Appendix G		Tim Hoyman	12/1/2021	
Waupaca Chain O' Lakes Comprehensive Management Plan Appendix H		Tim Hoyman	12/1/2021	
Waupaca Chain O' Lakes Comprehensive Management Plan Maps		Tim Hoyman	12/1/2021	
Waupaca Chain_AIS-EPP Final Invoice	Final invoice for Waupaca Chain AIS grant	Onterra	12/15/2021	

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:** \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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